

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07D 307/79, 405/12, A61K 31/445, C07D 453/02	A1	(11) International Publication Number: WO 96/33186 (43) International Publication Date: 24 October 1996 (24.10.96)
(21) International Application Number: PCT/EP96/01482 (22) International Filing Date: 4 April 1996 (04.04.96) (30) Priority Data: 9507882.0 18 April 1995 (18.04.95) GB (71) Applicant: PHARMACIA S.P.A. [IT/IT]; Via Robert Koch, 1.2, I-20152 Milano (IT). (72) Inventors: FANCELLI, Daniele; Via Gianella, 21, I-20152 Mi- lano (IT). CACCIA, Carla; Via Torino, 31, I-21013 Gal- larate (IT). SEVERINO, Dino; Via Magnasco Alessandro, 6, I-20100 Milano (IT). VAGHI, Fabrizio; Via Torino, 3, I-22079 Villa Guardia (IT). VARASI, Mario; Via Gi- ambellino, 80, I-20146 Milano (IT).		(81) Designated States: JP, European patent (AT, BE, CH, DE, DK ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: SUBSTITUTED DIHYDROBENZOFURAN DERIVATIVES AS 5-HT ₄ AGONISTS		
(57) Abstract		
<p>The present invention relates to the use of substituted dihydrobenzofuran derivatives having 5-HT₄ receptor agonist activity, which act as therapeutic prokinetic agents in treatment of gastrointestinal disorders such as, e.g., dyspepsia, gastro-oesophageal reflux disease (GORD) or gastroparesis. The compounds of the invention can also be useful in the treatment of CNS disorders, characterized by learning and/or memory dysfunctions. Several of these substituted dihydrobenzofuran derivatives are novel compounds and, as such, constitute a further object of the invention, together with the process for their preparation and the pharmaceutical compositions containing them.</p>		